

Abstract

A gasket is for use in a starved electrolyte bipolar battery. The gasket may be made from a hydrophobic material in the shape of a frame to prevent the creation of an electrolyte path between adjacent cells when mounted in a battery. The frame may be designed to at least partially encompass a biplate when mounted in a bipolar battery, and include a device or way to permit gas passage through the gasket. The gasket may be made from a material with deformable properties to provide a sealing to a biplate and/or endplate when mounted in a bipolar battery, whereby an outer pressure tight seal of the battery may be obtained. A starved bipolar battery and a method for manufacturing a starved bipolar battery are also disclosed.